

STATEMENT OF WORK FOR THE  
**Rebuild of the CV-4004, Converter, Fiber Optic**  
**For the AN/GSC-54**  
**NSN: 6020-01-378-4837**

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) to rebuild the CV-4004, Converter, Fiber Optic for the AN/GSC-54, NSN 6020-01-378-4837, Part Number 90009A1100-1, CAGE 01365. This document contains requirements to restore the CV-4004, Converter, Fiber Optic to Condition Code "A". Condition Code "A" is defined as "serviceable/issueable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issueable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining".

1.1 Background. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the DoD Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standard.

MIL-STD-129	Standard Practice for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications.

DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel (CFM) from the Federal Supply System
TM 09006A-25&P/2	Converter Set, Fiber Optic AN/GSC-54
Engineering Drawing 90009A1100 Cage 01365	Fiber Optic Converter

Parts List 90009A1100  
Cage 01365

Fiber Optic Converter

Engineering Drawing 90009A1111 Schematic Diagram, Fiber Optic Converter  
Cage 01365

Military Handbook (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

2.3 Industry Standards.

JESD625-A

Requirements for Handling Electrostatic-Discharge-Sensitive (ESDS) Devices

ANSI/ISO/ASQC Q9003-1994

Quality Systems—Model for Quality Assurance in Final Inspection and Test

Industry Standard (For Guidance)

ANSI/EIA-649

National Consensus Standards for Configuration Management

Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179 or on the internet at <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891) P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS.

3.1 General Task. The Contractor shall rebuild CV-4004, Converter, Fiber Optic, NSN 6020-01-378-4837, CAGE 01365, Part Number 90009A1100-1 in accordance with TM 09006A-25&P/2 and Engineering Drawings 90009A1100, Parts List 90009A1100, Cage 01365 and Schematic 90009A1111, Cage 01365.

3.2 Packaging, Handling, Storage and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items being prepared for long-term storage

or shipment to overseas destinations shall be preserved and packaged to level "A" requirements of MIL-STD-2073-1D, Appendix A, Table A.VI., Electronic Equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The Contractor shall implement configuration control to established configuration items. Deviation from the established baseline configuration will not be allowed without the approval in writing from the Logistics Management Specialist (Code C4ISS). If necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM) GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during the production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/Code 573-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.5 Quality Assurances Provisions. The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality Systems—Model for Quality Assurance in Final Inspection and Test.

3.6 Electrostatic Discharge (ESD) Control Program. The Contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

3.7 Contractor Furnished Materiel. The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event CFM is required for repair parts, the Contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

(1) Data Item

Form Approved  
OMB No. 1704-0188

CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ Other XXX
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D. SYSTEM/ITEM CV-4004, Converter, Fiber Optic	E. CONTRACT/PR No.	F. CONTRACTOR
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1. DATA ITEM No.	2. TITLE OF DATA ITEM	3. SUBTITLE
	REQUEST FOR DEVIATION (RFD)	CONFIGURATION MANAGEMENT

4. AUTHORITY (Delta Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
D1-CMAN-80640C	Para 3.3	MARCORLOGBASES 583-1

7 DD 250 REQ <b>LT</b>	9 DIST STATEMENT REQUIRED  <b>A</b>	10 FREQUENCY <b>AS REQ</b>	12 DATE OF FIRST SUBMISSION <b>SEE BLOCK 16</b>	14	DISTRIBUTION		
8 APP CODE <b>A</b>		11 AS OF DATE	13 DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	Draft	FINAL
							Reg

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G. PREPARED BY: <i>Pat Taylor</i> Pat Taylor	H. DATE <i>14 Feb 01</i> 14 Feb 01	I. APPROVED BY: <i>Ken Summer</i> Ken Summer	J. DATE <i>9-18-01</i> 9-18-01
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